Panasonic

Super Dynamic Full HD Vandal Resistant & Waterproof Dome Network Camera

WV-SFV631LT



Full HD / 1,920 x 1,080 60 fps H.264 Vandal Resistant Network Camera featuring Super Dynamic

Key Features

- 1080p Full HD / 720p HD images up to 60 fps*1
- Approximate 1/3 inches, high sensitivity MOS image sensor
- Super high resolution at Full HD/1,920 x 1,080 created by high sensitivity MOS Sensor.
- Multiple H.264 (High profile) streams (max. 4 streams) and JPEG streams ensure simultaneous real time monitoring and high resolution recording by new enhanced "UniPhier®", Panasonic's proprietary System LSI platform.
- Maximum Screen Size is 2,048 x 1,536* @30fps, H.264
 Used by super resolution techniques
- Enhanced Super Dynamic^{*1} and ABS (Adaptive Black Stretch) technologies deliver 133 dB wider dynamic range compared to conventional cameras.
- Multi process NR & 3D-DNR ensures noise reduction in various conditions.
- \bullet High sensitivity with Day & Night (IR) function:0.06 lx (Color), 0.015 lx (B/W) at F1.6
- IR LED equipped: The equipped infrared LED makes it possible to take pictures at zero lx.
- IR LED is controlled to match the environment, thereby the camera provides clear images of human faces without white blur.
- New camera attachment bracket allows an easy camera installation toward all four directions.
- High Speed ABF (Auto Back Focus) and Motorized Zoom ensures easy installation.
- Newly developed lens with aperture control function realizes the best focus in any environment.
- VIQS (Variable Image Quality on Specified area) technology allows the designated eight areas to retain higher image quality while the excluded area will have a decreased image quality, which enables to use lower image file size and bit rate.
- Cropping function enables to provide whole image and the part image simultaneously.
 Up to 4 image capture areas can be specified, and it is also possible to control the sequence.
- Face Super Dynamic technology ensures clear face image.
- Lens distortion compensation for the distorted images can be adjusted 256 steps.
- Electronic sensitivity enhancement: Auto (Up to 16/30s) / OFF
- Selectable light control modes:
 Outdoor scene, Indoor scene (50 Hz) / Indoor scene (60 Hz), Fix shutter
- Indoor scene (50 Hz/60Hz): Flicker caused by fluorescent lightning will be automatically compensated.

 3x extra optical zoom at 640 x 360 resolution
- 2x, 4x digital zoom controlled by browser
- VMD (Video Motion Detection) with 4 programmable detection areas,
 15 steps sensitivity level and 10 steps detection size
- Privacy Zone can mask up to 8 private areas, such as house windows and entrances/exits.
- Camera title display: Up to 20 alphanumeric characters on the browser
- Alarm sources including 3 terminal input, VMD and Panasonic alarm command can trigger actions such as SDXC/SDHC/SD memory recording, FTP image transfer, E-mail notification, Indication on browser, Alarm terminal output, and Panasonic alarm protocol output.

- Full duplex bi-directional audio allows interactive communication between camera site and monitoring site.
- JPEG Image compression ratio can be changed by alarm so that higher quality image can be provided.
- Prioritized stream control: One of the video streams can be prioritized when multiple recorders or client PCs are accessing the camera so that the recorder or the client PC can maintain the frame rate.
- Double SDXC/SDHC/SD Memory card slots for manual recording (H.264 / JPEG), alarm recording (H.264 / JPEG) and backup upon network failure (H.264 / JPEG). Realize long-term recording and auto backup function.
- Newly developed dome cover provides clearer images above the horizontal.
 Thereby, it expands the tilting range of the lens.
- Face detection function detects the position of human face and the information is sent by XML or video stream. (Optional)
- Can be added new intelligent extension software (Optional) in addition to built-in VMD (Video Motion Detection), alarm function.
- Fog compensation function equipped as standard.
- HLC (High Light Compensation) technology reduces strong light sources such as vehicle headlights to prevent camera being blinded.
- Super Chroma Compensation function realizes a better color.
- H.264 max. bit rate/client and Total bit rate control allows flexible network traffic management. Frame rate priority mode controls bit rate and compression ratio to provide the specified frame rate.
- Internet mode: H.264 images can be transmitted over HTTP protocol.
- Multi-language: English / Italian / French / German / Spanish / Portuguese / Russian / Chinese / Japanese
- IPv4/IPv6 protocol supported
- Supports SSL, DDNS (viewnetcam, RFC2136)
- Still images (JPEG) can be viewed on mobile phones via Internet.
- Onvif compliant model
- IP66 rated water and dust resistant. Compatible with IEC60529 measurement standard, Type 4X(UL50), NEMA 4X compliant.
- Dehumidification device for use with various weather conditions
- Vandal resistant mechanism for high reliability
- *1 Super Dynamic function is automatically set off on 60fps mode.

Optional Accessories

Ceiling Mount Bracket
WV-Q169A



Smoke Dome Cover

WV-CW7S



Sun Shade WV-Q7118



Specifications

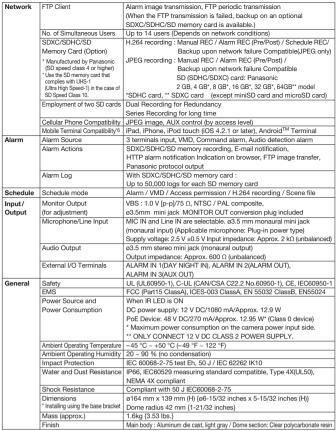
	Image S	Sensor	Approx. 1/3 type MOS image sensor
Camera	Effective		Approx. 2.4 mega pixels
	Scannin	ng Mode	Progressive scan
	Scanning Area		5.346 mm (H) x 3.336 mm (V) {7/32 inches (H) x 1/8 inches (V)}
	Minimu	m Illumination	Color: 0.06 lx, BW: 0.015 lx (F1.6, Maximum shutter : Max. 1/30s, Gain : On(High))
			BW: 0 lx (F1.6, Maximum shutter: Off(1/30 s), Gain: High, when the IR LED is lit)
	IBIED	Light	Color: 0.0045 lx, BW: 0.0011 lx (F1.6, Maximum shutter: Max. 16/30s, Gain: On(High))
	IR LED Light IR LED irradiation distance		Off/Auto(High/Mid/Low) 33 m (108.24 feet)
	White Balance		AWC (2,000 ~ 10,000 K), ATW1 (2,700 ~ 6,000 K), ATW2 (2,000 ~ 6,000 K)
	Light Control Mode		Outdoor scene : Automatic integration of ALC and ELC
	Shutter	Speed	Indoor scene [50 Hz]: Automatic integration of ALC and ELC with flickerless Indoor scene [60 Hz]: Automatic integration of ALC and ELC with flickerless [2 mega pixel [16:9](60 fps mode)/ 1.3 mega pixel [16:9](60 fps mode)/
			OFF(1/60), 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000,1/1000 Other than [2 mega pixel [16:9](60 fps mode)/ 1.3 mega pixel [16:9](60 fps mode)/ OFF(1/30), 3/100, 3/120, 2/100, 2/120, 1/100, 1/120, 1/250,1/500, 1/1000, 1/2000, 1/4000, 1/1000
	Super Dynamic *2		On(High) / On(Normal) / Off
	Face Super Dynamic		On/Off (only when Super Dynamic : On)
	Adaptive Black Stretch Fog compensation		On/Off (only when Super Dynamic Off) On/Off (only when Super Dynamic/ Adaptive black stretch: Off)
	AGC		On (Low)/ On (Mid)/ On (High)/ Off
	Maximum shutter		max. 1/1000 s, max. 1/500 s, max. 1/250 s, max. 1/100 s, max. 1/60 s,
	Day & N	light (IR)	max. 1/30 s, max. 2/30 s, max. 4/30 s, max. 6/30 s, max. 10/30 s, max. 16/30 On/Off / Auto1 (Normal) / Auto2 (IR Light) / Auto3 (SCC)
	Day & Night (IR) Dynamic Range		133 dB typ. (Super Dynamic : On, Light Control Mode : indoor)
	Digital Noise Reduction		High / Low
	Video Motion Detection		On/Off, 4 areas, Sensitivity: 15 steps, Detection size: 10 steps
	Privacy Zone		On/Off (up to 8 zones available)
	VIQS		On/Off (up to 8 zones available)
	Camera Title (OSD)		On/Off Up to 20 characters (alphanumeric characters, marks)
	Electric Zoom		TELE / WIDE , Auto Coarse adjustment of Focus
	Focus Adjustment		ABF / MANUAL(Html only)
	Lens Distortion Compensation		256 steps
Lens	Vari Focal Length		9.0 ~ 22 mm, 2.4x {23/64 inches - 7/8 inches} [16 : 9 mode] Horizontal : 13.8° (TELE) – 33.0° (WIDE)
	Angular Field of View		Vertical : 7.7° (TELE) – 33.0 (WIDE)
			[4 : 3 mode] Horizontal : 11.5° (TELE) – 27.0° (WIDE)
			Vertical: 8.6° (TELE) - 19.9° (WIDE)
	Maximum Aperture Ratio		1: 1.6 (WIDE) ~ 1: 3.0 (TELE) *with Smart DOF (Depth of Field) mode
	Focusing Range		1 m ~ ∞
Adjusting	ting Angle		Horizontal: ±180°, Vertical: 0-85°,
			Image tilt adjustment range: -45° (Left) to +300° (Right)
Browser	Croppin	ıg	H.264(1) / H.264(2) / H.264(3) / H.264(4) / H.264(all) / JPEG(1) / JPEG(2) / JPEG(3
GUI	Camera Control		Up to 4 image capture areas can be specified Brightness, AUX On/Off
	Display Mode		Spot, Quad : Image from 16 cameras can be displayed in 4 different Quad
	Display Mode		screens or 16 split screen (JPEG only). 20 characters camera title available
	Digital Zoom		1x, 2x, 4x controlled by browser GUI
	Clock Display		Time: 12H/24H, Date: 5 formats on the browser, Summer time (Manual)
	Alarm Control		Reset
	One Shot Capture		A still picture will be displayed on a newly opened window.
	Audio		Mic (Line) Input: On/Off Volume adjustment: Low / Middle / High,
	0014		
	CD Man	Data Davida ad	Audio Output : On/Off Volume adjustment : Low / Middle / High
		nory Data Download	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade
	GUI / Se	etup Menu Language	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese
		etup Menu Language	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Up to 100 (Internal)
	GUI / Se System	etup Menu Language	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error log Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft® Windows® 7,
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Network	GUI / Se System Support Support Network Image Resolution	ted Description Mode: IF Image Capture Mode: 2 mega pixel [163] (3016) fs.] Image Capture Mode: 2 mega pixel [163] (3016) fs.] Image Capture Mode: 3 mega pixel [4:3] (301ps.) Transmission Mode Trame Rate Bit Rate/Client Image Quality	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanese Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error log Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft® Windows® 7, Microsoft® Windows Vista® Windows® Internet Explorer® 11 (32-bit), Windows® Internet Explorer® 10 (32-bit), Windows® Internet Explorer® 8 (32-bit), Windows® Internet Explorer® 9 (42-bit) 10Base-T / 100Base-TX, RJ-45 connector 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180 / 160 x 90 1,600 x 1,200 / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 2,048 x 1,536 / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 10Base 1 / 128 / 128 / 128 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 10Base 1 / 1280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 10Base 1 / 1280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 10Base 1 / 1280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 10Base 1 / 1280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 10Base 1 / 1280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 10Base 1 / 1280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 10Base 1 / 1280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 10Base 1 / 1280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 10Base 1 / 1280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 10Base 1 / 1280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 10Base
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Network	GUI / Se System Support Support Network Image Resolution	ted Menu Language Log ted OS *3 ted Browser IF Image Capture Mode: 2 maga pixel [169] (30010)s Image Capture Mode: 2 mega pixel [4:3] (301ps) Image Capture Mode: 3 mega pixel [4:3] (301ps) Image Capture Mode: 5 mega pixel [4:3] (301ps) Image Capture Mode: 6 mega pixel [4:3] (301ps) Image Capture Mode: 6 mega pixel [4:3] (301ps) Image Capture Mode Frams Rate Bit Rate/Client Image Quality Image Quality Images Quality Images Interval Transmission Type	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes Up to 100 (Internal) Up to 100 (Internal) Up to 1,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG, error log Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft® Windows® 1, Microsoft® Windows® 8, Microsoft® Windows Vista® Windows® Internet Explorer® 11 (32-bit), Windows® Internet Explorer® 10 (32-bit), Windows® Internet Explorer® 9 (32-bit), Windows® Internet Explorer® 8 (32-bit), Windows® Internet Explorer® 8 (32-bit), Windows® Internet Explorer® 8 (32-bit), Windows® Internet Explorer® 7 (52-bit) 10Base-T / 100Base-TX, RJ-45 connector 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180 / 160 x 90 1,600 x 1,200 / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 2,048 x 1,536* / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 2,048 x 1,536* / 1,280 x 960 / 800 x 600 / 640 ps specifically for the chiniques Constant Distrate / Framerate priority / Best effort / Advanced VBR 1 / 3 / 5 / 7 / 5 / 10 / 12 / 15 / 20 / 30 / 60 fps 64 / 128 / 256 / 384 / 512 / 768 / 1,024 / 1,536 / 2,048 / 3,072 / 4,096 / 6,144 / 8,192 / 10,240 / 12,288 / 14,336 / 16,384 / 20,480 / 24,576 kbps LOW / NORMAL / FINE 0.2 / 0.25 / 0.33 / 0.5 / 1 / 2 / 3 / 4 / 5s
Network	GUI / Se System Support Support Network Image Resolution	tetup Menu Language Log ted OS '3 ted Browser IF Image Capture Mode: 2 mega pixel [4:3] (30fps) Image Capture Mode: 3 mega pixel [4:3] (30fps) Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh interval Transmission Type Image Quality	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error log Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft® Windows® 7, Microsoft® Windows 8 1.1, Microsoft® Windows® 1, Microsoft® Windows® 1, Microsoft® Windows® 1, Microsoft® Windows® 1, Microsoft® Windows 9, Microsoft® Windows® 1, Microsoft® 1, Microsoft® Windows® 1, Microsoft® 1, Micr
Network	GUI / Se System Support Support Network Image Resolution	ted Menu Language Log ted OS *3 ted Browser IF Image Capture Mode: 2 maga pixel [169] (30010)s Image Capture Mode: 2 mega pixel [4:3] (301ps) Image Capture Mode: 3 mega pixel [4:3] (301ps) Image Capture Mode: 5 mega pixel [4:3] (301ps) Image Capture Mode: 6 mega pixel [4:3] (301ps) Image Capture Mode: 6 mega pixel [4:3] (301ps) Image Capture Mode Frams Rate Bit Rate/Client Image Quality Image Quality Images Quality Images Interval Transmission Type	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG,) error log Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft® Windows® 7, Microsoft® Windows 8, 1, Microsoft® Windows® Internet Explorer® 11 (32-bit), Windows® Internet Explorer® 10 (32-bit), Windows® Internet Explorer® 9 (32-bit), Windows® Internet Explorer® 8 (32-bit), Windows® Internet Explorer® 8 (32-bit), Windows® Internet Explorer® 7 (32-bit) 10Base-T / 10DBase-TX, RJ-45 connector 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180 / 160 x 90 1,600 x 1,200 / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 2,048 x 1,536* / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 220 x 240 / 160 x 120 20 x 240 / 30 x 300 x 300 / 300 x 300 x 300 / 300 x 30
Network	GUI / Se System Support Support Network Image Resolution	teup Menu Language Log ted OS '3 ted Browser IF Image Capture Mode: 2 mega pixel [169] (3060 [ps) Image Capture Mode: 2 mega pixel [4:3] (30fps) Image Capture Mode: 3 mega pixel [4:3] (30fps) Transmission Mode Frame Rate Bit Rate/Client Image Quality Transmission Type Image Quality Refresh interval	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes Up to 100 (Internal) Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG, error log Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft® Windows® 7, Microsoft® Windows Vista® Windows® Internet Explorer® 11 (32-bit), Windows® Internet Explorer® 10 (32-bit), Windows® Internet Explorer® 10 (32-bit), Windows® Internet Explorer® 8 (32-bit), Windows® Internet Explorer® 7 (32-bit) 10Base-T / 100Base-TX, RJ-45 connector 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180 / 160 x 90 1,600 x 1,200 / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 2,048 x 1,536* / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 2,048 x 1,536* / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 32
Network	GUI / Se System Support Support Network Image Resolution H.264	tetup Menu Language Log ted OS '3 ted Browser IF Image Capture Mode: 2 mega pixel [4:3] (30fps) Image Capture Mode: 3 mega pixel [4:3] (30fps) Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh interval Transmission Type Image Quality Refresh interval Transmission Type Image Quality	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG.) error log Microsoft® Windows® 8.1, Microsoft® Windows® 7, Microsoft® Windows 8.1, Microsoft® Windows® 8, Microsoft® Windows Vista® Windows® Internet Explorer® 11 (32-bit), Windows® Internet Explorer® 10 (32-bit), Windows® Internet Explorer® 8 (32-bit), Windows® Internet Explorer® 7 (32-bit) 10Base-T / 100Base-TX, RJ-45 connector 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180 / 160 x 90 1,600 x 1,200 / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 2,048 x 1,536* / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 2,048 x 1,536* / 1,280 x 960 / 800 x 600 / 640 r 480 / 400 x 300 / 320 x 240 / 160 x 120 40 x 120 x 12
Network	GUI / Se System Support Support Network Image Resolution H.264	tetup Menu Language Log ted OS '3 ted Browser IF Image Capture Mode: 2 mega pixel [163] (3050 fps) Image Capture Mode: 2 mega pixel [43] (30fps) Image Capture Mode: 2 mega pixel [43] (30fps) Image Capture Mode: 3 mega pixel [43] (30fps) Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh interval Transmission Type Image Quality Image Quality Image Quality Image Guality Image	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes Up to 100 (Internal) Up to 1,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG, error log Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft® Windows® 1, Microsoft® Windows® 1, Microsoft® Windows® Internet Explorer® 11 (32-bit), Windows® Internet Explorer® 10 (32-bit), Windows® Internet Explorer® 9 (32-bit), Windows® Internet Explorer® 8 (32-bit), Windows® Internet Explorer® 8 (32-bit), Windows® Internet Explorer® 7 (32-bit) 10Base-T / 100Base-TX, RJ-45 connector 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180 / 160 x 90 1,600 x 1,200 / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 2,048 x 1,536* / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 2,048 x 1,536* / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 20 x 240 / 160 x 30 x 300 x 300 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 20 x 240 / 160 x 300 x 300 x 300 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 20 x 240 / 160 x 120
Network	GUI/Se System Support Support Network Image Resolution H.264 '4	tetup Menu Language Log ted OS '3 ted Browser IF Image Capture Mode: 2 mega pixel [163] (3050 fps) Image Capture Mode: 2 mega pixel [43] (30fps) Image Capture Mode: 2 mega pixel [43] (30fps) Image Capture Mode: 3 mega pixel [43] (30fps) Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh interval Transmission Type Image Quality Image Quality Image Quality Image Guality Image	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes Up to 100 (Internal) Up to 1,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG, error log Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft® Windows® 1, Microsoft® Windows® 1, Microsoft® Windows® Internet Explorer® 11 (32-bit), Windows® Internet Explorer® 10 (32-bit), Windows® Internet Explorer® 9 (32-bit), Windows® Internet Explorer® 8 (32-bit), Windows® Internet Explorer® 8 (32-bit), Windows® Internet Explorer® 7 (32-bit) 10Base-T / 100Base-TX, RJ-45 connector 1,920 x 1,080 / 1,280 x 720 / 640 x 360 / 320 x 180 / 160 x 90 1,600 x 1,200 / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 2,048 x 1,536* / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 2,048 x 1,536* / 1,280 x 960 / 800 x 600 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 20 x 240 / 160 x 30 x 300 x 300 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 20 x 240 / 160 x 300 x 300 x 300 / 640 x 480 / 400 x 300 / 320 x 240 / 160 x 120 20 x 240 / 160 x 120
Network	GUI/Se System Support Support Network Image Resolution H.264 '4	ted Browser Log ted OS '3 ted Browser IF Image Capture Mode: 2 mega pixel [4:3] (30fps) Image Capture Mode: 2 mega pixel [4:3] (30fps) Image Capture Mode: 3 mega pixel [4:3] (30fps) Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh interval Transmission Type Image Capture Image Ouglity Refresh interval Transmission Type Compression Mode Indication for Audio	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes Up to 100 (Internal) Up to 1,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG, error log Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft® Windows® 1, Microsoft® Windows® 8, Microsoft® Windows® 1, Microsoft® 4, Micr
Network	GUI / Se System Support Support Network Network H.264 '4	ted Browser Log ted OS '3 ted Browser IF Image Capture Mode: 2 mega pixel [4:3] (30fps) Image Capture Mode: 2 mega pixel [4:3] (30fps) Image Capture Mode: 3 mega pixel [4:3] (30fps) Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh interval Transmission Type Image Capture Image Ouglity Refresh interval Transmission Type Compression Mode Indication for Audio	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes Up to 100 (Internal) Up to 100 (Internal) Up to 4,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG) error log Microsoft® Windows® 8.1, Microsoft® Windows® 7, Microsoft® Windows 8.1, Microsoft® Windows® 7, Microsoft® Windows 9, Microsoft® Microsoft® Microsoft® Windows 9, Microsoft® Microsoft® Microsoft® Windows 9, Microsoft® M
Network	GUI / Se System Support Support Network Network H.264 '4	tetup Menu Language Log ted OS '3 ted Browser IF Image Capture Mode: 2 mega pixel [163] (3005 tps) Image Capture Mode: 2 mega pixel [43] (30fps) Image Capture Mode: 3 mega pixel [43] (30fps) Image Capture Mode 3 mega pixel [43] (30fps) Transmission Mode Frame Rate Bit Rate/Client Image Quality Refresh interval Transmission Type Image Quality Refresh interval Transmission Type Transmissi	Still or motion Images recorded in the SDXC/SDHC/SD memory card can be downloade English, Italian, French, German, Spanish, Portuguese, Russian, Chinese, Japanes Up to 100 (Internal) Up to 1,000 (SDXC/SDHC/SD memory when the recording format is set to JPEG, error log Microsoft® Windows® 8.1, Microsoft® Windows® 8, Microsoft® Windows® 1, Microsoft® Windows® 8, Microsoft® Windows® 1, Microsoft® 4, Micr

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Important

- Safety Precaution: Carefully read the Important Information, Installation Guide and operating instructions before using this product.
- Panasonic cannot be responsible for the performance of the network and/or other manufacturers' products used on the network
- · Masses and dimensions are approximate. · Specifications are subject to change without notice.

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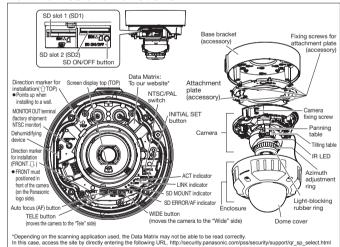
- 1 Converted value
- *2 Super Dynamic function is automatically set off on 60fps mode
- 2 Super Dynamic uncloser is automatically set on on ones.

 3 Refer to "Notes on Windows Vistae" (Windows® 7 / Windows® 8" on the provided CD-ROM for further information about system requirements for a PC and precautions when using Microsoft® Windows® 8 or Microsoft® Windows® 7 or Microsoft® Windows Vista®.
- *4 Transmission for 4 streams can be individually set.

 *5 AAC-LC (Advanced Audio Coding Low Complexity) is only used when recording audio on an SD memory card.

 *6 For further information about compatible devices, refer to our website(http://security.panasonic.com/pss/security/support/info.html).

Part Names and Functions



Appearance

